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(54) NOVEL SUSPENDING METHOD AND COMPOSITE OBTAINED THEREBY

(57)Abstract:

PURPOSE: To prepare stable and fine water suspension of fat-soluble material by coating the fat-soluble material which insoluble or hardly soluble in water but soluble in an org. solvent by using fatty particle membrane in the milk of mammals and then suspending the particles in water.

CONSTITUTION: A fat-soluble material which is insoluble or hardly soluble in water but soluble in an org. solvent is coated with fatty particle membrane in the milk of mammals and then suspended in water. Namely, the fat-soluble material and fatty particle membrane in the milk of mammals are emulsified by a physical method to prepare fine water suspension of fat-soluble material. More concretely, after bioactive peptide is dissolved or suspended in water, neutral fat and fatty particle membrane in the milk of mammal are added thereto and emulsified by a physical method to prepare the water suspension of the bioactive peptide.